

Title (en)

VIBRATION ISOLATING AND DAMPING SUPPORT FOR A LOOM

Publication

EP 0139773 B1 19870121 (DE)

Application

EP 83110403 A 19831019

Priority

EP 83110403 A 19831019

Abstract (en)

[origin: US4587995A] The suspension for the weaving machine employs vibration-damping bearing elements which have vertical spring constants which differ from each other by at least one order of magnitude. In addition, the sum of the horizontal spring constants of the bearing elements are, at most, one tenth of the greatest vertical spring constants of the bearing elements. The bearing element on the warp beam side is made as a layer bearing while the soft bearing element on the cloth beam side is in the form of an air spring which can be adjusted. The suspension achieves a defined static position of the weaving machine as well as a deep tuning of the suspension system of the machine/bearing elements.

IPC 1-7

D03D 49/00; **F16F 15/22**

IPC 8 full level

D03D 49/00 (2006.01); **D03D 49/02** (2006.01); **F16F 15/04** (2006.01)

CPC (source: EP US)

D03D 49/025 (2013.01 - EP US); **F16F 15/046** (2013.01 - EP US)

Cited by

EP0927783A1; BE1009096A3; CN110774764A; GB2180912A; CN102691159A; CN107228156A; EP0379679A3; US5038835A; DE8900312U1; WO9624714A1; WO2006042685A1; EP1569912B1

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DOCDB simple family (application)

EP 83110403 A 19831019; DE 3369355 T 19831019; JP 21751384 A 19841018; SU 3798793 A 19841012; US 65878084 A 19841009